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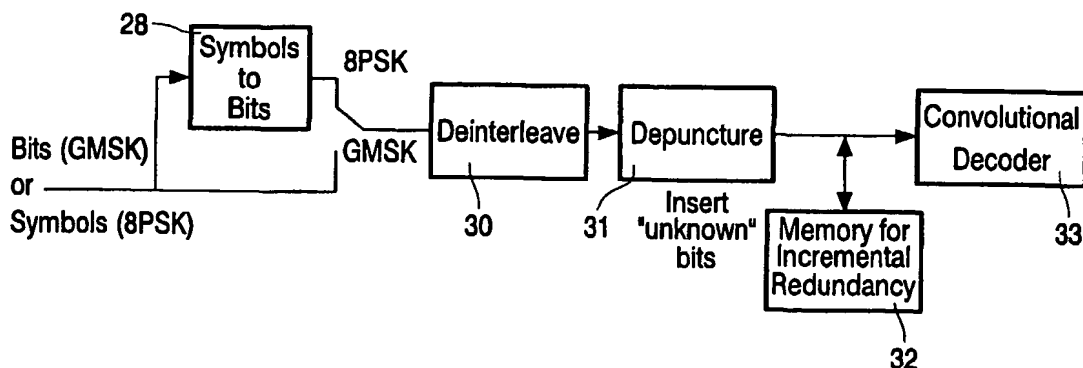
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(54) Title: SIGNAL PROCESSING METHOD AND APPARATUS USING BIT CONFIDENCE VALUES



(57) Abstract: In a UMTS/GSM receiver with EDGE services capability, a data sequence incorporating PSK symbols is separated into bits which are assigned confidence values and input to convolutional decoder (33) to provide improved decoding.



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INTERNATIONAL SEARCH REPORT

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/122510 A1 (RESHEF EHUD ET AL) 5 September 2002 (2002-09-05) abstract paragraph '0009! paragraph '0013! paragraph '0017! paragraph '0025! claim 1	1,6,7,9, 10,15, 16,18
A		2-5,8, 11-14,17
A	EP 0 625 829 A (AT & T CORP) 23 November 1994 (1994-11-23) page 7, line 10 - line 21 claim 1	1-18

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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